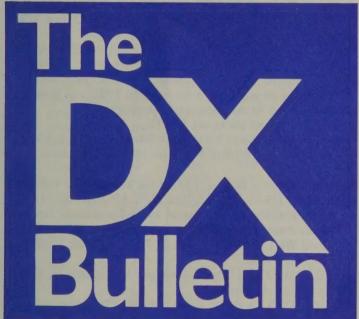
DXpedition News

- Fiji 3D Five Japanese operators will be active from Fiji Sept.23-30, on 160-10 meters, SSB, CW, and RTTY. Operators and Fiji callsigns are: JA2AO/3D2OH, JA2DHG/3D2HG, JA2IVY/3D2YS, JG2BRI/3D2MT, and JA2XW/3D2??. QSL via JR2KDN. (Japan DX News.)
- St. Martin FS JG1RXQ and JL1MUT will operate FS/Oct. 14-20, on 80-10 meters, including the new bands, SSB, CW, and RTTY. QSL FS/JG1RXQ via JA1VPO and FS/JL1MUT via JH1EDB. (Japan DX News.)
- **Turks and Caicos VP5** Joe Pater WB8GEX will operate as **WB8GEX/VP5** from Providenciales (NA-002) Nov. 21-28, SSB only, on 160-10 meters. QSL home address: 1894 Old Oxford Rd., Hamilton OH 45013.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Gambia - C5 Dick Grantham VE1AI, Ken McCormick VE1RU, Scott Wood VE1QD/C53GW, and Don Roland VE1AOE will operate from the Gambia Oct. 21-Nov. 4 on all bands 80-10 meters, on CW and SSB, and perhaps RTTY. They'll air C51A in the CQWW SSB test, and operate C56/ and C56GW outside the test. QSL to W3HNK.

Nepal - 9N A second-hand report says that Yuri UT4UZ and Andy UB4LRQ will operate from Nepal 9N Sept. 27-Oct. 14. No other details known.

Pratas Island - BV9 Japan DX News reports that 18
Taiwan amateurs have been cleared for the
BV0ARL/BV9P Pratas operation, with security
clearances for four foreign ops (K7JA, N4VA,
OH2BH, and OH6DO) expected soon. The operation
could begin soon, on 40, 20, 15, and 10 meters.

Shortly Noted

- The T30 Western Kiribati operation by KN6J, W6OTC, and N6OXR, has been canceled, due to runway construction in Tarawa. They will operate NH6T in the CQWW RTTY test instead.
- 3V8W: The OPDX Bulletin has retracted its earlier statement that Karl DK2WV knew nothing about the recent 3V8W operation. It now says that Karl recently returned from Tunisia, and that he is the sponsor of 3V8W. Another Tunisia operation is in the works. Meanwhile 3V8W QSL cards will be coming out in November.
- FT4WD will be active Sundays on 18135 kHz at 1200Z, according to OPDX.
- FK8CP: Rémi Touzard has daily skeds on 1838 kHz, but asks that W/VE not call him, unless he specifically asks for W/VE on 1842 kHz. To make skeds, contact him at B. P. 945, Noumae, New Caledonia with SAE and return postage.
- 9L1BSM will be active in the Boy Scout JOTA Oct. 15-17, with Charles "Frosty" Frost K5LBU helping. QSL to the Boy Scouts, Tower Hill, Freetown, Sierra Leone. Frosty sometimes operates the club call of 9L1SL; QSL direct to him at Box 1085, Freetown. He hopes to get permission to return the air full time as 9L1CF, and seeks a remote VFO for his Ten-Tec 540/545. Any help?
- V410: St. Kitts amateurs may use the prefix V410 until Sept. 30. Special-event station V410K will be active on 1812, 3505, 7005, 14005, 18071, 21005, 24895, and 28019 kHz on CW, and 1838, 3750, 7051, 14195, 18115, 21270, 24940, and 28325 kHz on SSB; QSL to St. Kitts ARC, Box 827, Basseterre, St. Kitts, Leeward Islands. (DXLoggen.)
- XV7TH in Hanoi is restricted to spot frequencies such as 14195 and 21295 kHz. QSL this mostly SSB operation via SK7AX.
- 8Q7AA is JG2XYV, until June. 1994. QSL to Box 2007, Mali, Maldives.
- Pirate: 9D2CW is bogus; reported QSL route (PY2CWW) is not a currently valid callsign.
- SSB Net check-ins: 14227 kHz: (11,21Z) 9M8DB J5UAI; 14247: (23Z) ZK1AT YS1RAY YJØAB FK8GJ; 14243: (23Z) 9G1RQ.
- RTTY: Spots: ZC4ST 14085 kHz at 0600Z; FR5DX 14087 1510Z; HKØDPA 14088 2345Z; ZS9A 21089 1445Z; VR6BX 14085 0240Z; TR8XX 21085 1000Z; XT2BW 14085 1620Z; 5R8DG 21087 1700Z; JT1CS 14089 1430Z; VQ9RW 14090 1710Z. K8UNP/C6A will be active in the CQWW RTTY contest Sept. 25-26, and afterwards to Oct. 1.
- Islands On The Air: ZY1UP will be active from Santana Island (SA-029) Oct. 18-Nov. 3, with João Batista Guimarães Mendonca PY1UP operating. QSL home address: P. O. Box 108 674, São Gonçalo RJ, Brazil. FK8CR, FK8AH and FK1RF will operate /p from Chesterfield Island (OC-176) Sept. 25-30, and then from Huon Island (OC-058) in early October. QSL home calls. (LNDX.)

Propagation Forecast and Historical Data

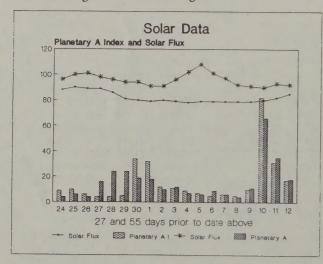
Day Forecast	27 D	ays Before	55	Days Before
September 1993	Date	Flux A K	Dat	te Flux A K
24 High Normal	8/29	90 09/10 1	8/1	100 00/04 0
25 High Normal	8/30	89 03/06 0	8/2	101 01/06 1
26 High Normal	8/31	89 02/04 0	8/3	98 03/04 1
27 High Normal	9/1	86 00/04 0	8/4	96 16/16 3
28 High Normal	9/2	81 03/05 1	8/5	94 17/24 2
29 Disturbed	9/3	80 30/34 3	8/6	94 18/19 2
30 Disturbed	9/4	79 23/34 1	8/7	91 12/18 1
October 1993				
1 Low Normal	9/5	80 12/12 1	8/8	91 10/10 0
2 Low Normal	9/6	79 10/11 1	8/9	96 11/12 1
3 High Normal	9/7	78 10/09 1	8/10	102 06/07 2
4 High Normal	9/8	79 06/07 0	8/11	108 03/06 1
5 High Normal	9/9	79 03/05 1	8/12	101 06/09 1
6 High Normal	9/10	79 04/06 1	8/13	97 05/06 1
7 High Normal	9/11	79 05/05 2	8/14	92 01/04 0
8 Low Normal	9/12	79 09/10 3	8/15	91 08/11 2
9 Disturbed	9/13	80 43/82 3	8/16	90 34/66 4
	-			

Propagation Watch
Solar flux remains very low, thanks to a nearly spotless sun. Flux continues to hover in the 85 range, not very far above its minimum (equivalent to zero sunspot count) of about 66. The low level of solar activity continues to depress the maximum useable frequency (MUF), and DXers in general. The highest band open during the day has been 15 meters, with a minimum of north-south spots on 10 and 12 meters. 17 meters is an increasingly popular band, especially when the MUF hangs just about 18 MHz.

Low-band DXers have been enjoying good conditions, as a stable geomagnetic field has improved band openings. 40 meters is especially good to the west in the morning, around local dawn.

Even without sunspots, the sun is still active enough to disturb band conditions on a regular basis, thanks to some persistent coronal holes. Oct. 10-12 and perhaps the last few days of September are times to watch out for increases in geomagnetic activity.

The VK9MM Mellish Reef operation has been heard on the West Coast on 12 and 10 meters, but signals have been very weak. However, enough DXers calling seems to push the MUF higher! Good hunting.



OSL Information

- QSL Frank Stone OX3GX via his stateside address: WA3KSN, P. O. Box 72, Micaville NC 28755.
- QSL PJ2MI and PJ7JC via K2PEQ, except for the mostly satellite January 1993 PJ7JC operation, which goes via P. O. Box 26, B-2550, Kontich, Belgium.
- 9K2MU's direct address is Murtada Marafi, P. O. Box 97, Safat 1300, Kuwait.
- QSL ZA/AA5DX via Ron Marra AA5DX, P. O. Box 573, Greenwood TX 76246.
- QSL Armenian stations 4J4GK 4J4JJ 4J1700JJ UG1700JJ and 4J1700GK via GW3CDP, with SAE and 2-3 IRCs.
- QSL T94US via Emir Mahmutovic 9A2NR, P. O. Box 508, 41001 Zagreb, Croatia.
- QSL S50A and S56MM via Tine Brajnik S52AA (ex-YT3AA), Maroltova 13, 61113 Ljubljana, Slovenia.
- QSL S50L via Franc Bogataj S59AA (ex-YU3BC), Cesta Na Brdo 141, 61111 Ljubljana, Slovenia.
- Chuck Newberg KL7OH on IOTA island (NA-152) is not good in the 1993 *Callbook*; QSL to him at P. O. Box 117, Shishmaref, AK 99772.
- QSL Bill Meara N2COB/HI8 direct to Unit 5510, APO AA 34041, USA, with US SASE.
- Craig Moore WA7ILC no longer handles QSLs for the P29 stations he managed back prior to 1980.Logs have all been returned to the individual operators.
- OSL EV8A and EV9A via F6AML.
- QSL SV/WY3V and his wife SV/KD4ZKT via Joseph Stevens WB2RQW, RR 3 Box 106, St. Helena island SC 29920.
- QSL Cornelius Booker TA3ZH via his stateside call: KC6RZW, USAE PSC 88, Box 2279, APO AE 09821.
- YO9FVU QSLs via a different route for stations from different countries. Stateside (and Canadian) DXers can QSL via Walt Rickett WA2AUF, 73 Pine Brook Road, Towaco NJ 07082.
- QSL OM3LO via Tibor Ledvenyi, Nove Prudy 24, 911-01 Trencin, Slovak Republic.
- QSL V47XS via Bruce Knox N8LXS, 9310 Little Mountain Road, Kirtland Hills OH 44060.
- QSL YL93JP, the special-event station from September, 1993, celebrating the visit of Pope John Paul II to Latvia, via Rev. J. Jansons YL2MM, P/k 27, Riga 2, LV-1002, Latvia, via Europe.

Macedonia Callsign Changes

■ The Republic of Macedonia now uses the following callsign structure:

Z31aa-Z31zz	Class A	HF full power
Z32aa-Z32zz	Class B	HF 250 watts
Z33aaa-Z33zzz	Class C	40/80 meters
Z34aaa-Z34zzz	Class D	VHF only
Z35aaa-Z35zzz	Repeaters, Be	eacons, etc.
Z36aaa-Z36zzz	Class E	VHF only

Z37aaa-Z37zzz Club Stations

Z38aaa-Z30zzz Reserved by radio society for special events and contests. For example, **Z30M** was active in August, by Radio Club Nikola Tesla **Z37GBC**, P. O. Box 71, 92001 Stip, Macedonia.

$B \cdot A \cdot N \cdot D \cdot P \cdot A \cdot S \cdot S$

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.

M W Т S 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 9

RTTY

CO6RR 14087 0011 9 CA HI8BG 14088 2226 14 KG4CW 14087 0111 17 PA 14 PA VQ9RW 14090 1707 XT2BW 14082 1701 12 PA

160 Meters

VK5BC 1830 1101 9 WV

80 Meters

9A2DW * 3505 0440 12 CA 0418 11 MI 9J2B0 3505 CT4DX 3511 0447 11 MI CX4SS 3507 0929 9 Al CX9AU 3501 1007 11 OR FM5BH 3506 0921 11 MI FM5WD 3506 2335 9 GA JE1CGC 3502 1035 9 NH LU5EW 3512 0950 9 NH LU8NZJ 3508 0950 14 NH **VK3AJJ** 3505 1000 10 NH 3502 VK4FS 1035 10 NH VK6WJ 3508 1035 12 NH **Z21HS** 0349 11 MI 3506 ZL1ST 3507 0956 14 NH 3508 1000 9 NH ZL3ABV ZS6NW 3507 0356 12 MA

75 Meters

C21DX 3799 1120 9 NH **CE3KC** 3799 0517 11 CA CT3FT 3796 0655 9 CA FG5FC 2304 11 MA FY5FY 3795 0237 11 MA **G3DAM** 0455 CA 3799 11 3798 0945 JF1IST 11 NH OM3CBU * 3794 0403 11 CA P29VH 3795 1305 11 CA SM5EDX * 3799 0427 11 CA UN7FL * 3795 1350 13 CA **VK3DZM** 3795 1037 9 NH VP8CEH 0240 13 CA 3798

40 Meters

5R8DS 7005 1415 7 CA 5Z4FO 7003 0230 7 W **7Q7XX** 7004 0325 12 GA **9J2BO** 7004 0515 12 IL BV8BW 7008 1400 11 CA **CE8DMT** 7015 1016 11 NY EA1AK/8 7003 2338 18 FL **EA6AAK** 7006 0116 17 FL **EA6NB** 7005 0417 17 MI **EA8BWN** 7013 0706 10 MI ES1WN 7002 0420 17 MI FK8FU 7018 1102 6 VA FS4PL 7008 0217 16 FL HL2SB 12 FL 7007 1128

HP1XBH	7006	0257	11	SC
HR1LW	7003	1120	18	FL
ISØOMH	7002	0115	17	FL
JD1BIC	7009	1430	11	CA
JWØC	7015	0352	10	MA
OHØDX	7008	2340	18	FL
PZ1AY	7020	0835	8	NB
PZ1DV	7009	0531	12	NY
S51BO	7005	0224	12	OR
T3ØNA	7005	1040	17	FL
UN7TX	7003	0121	17	FL
VK3AJJ	7221	1126	5	NJ
VP5/	7004	0123	17	FL
JM1GYQ	1			
Z21HS	7007	0350	17	MI
ZA1J	7003	0143	14	FL
ZL2RY	7004	0738	11	IL
ZS1AAX	7010	0530	11	KS

30 Meters

5H3FOE 10101 2100 9 SC 7P8SR 10105 0510 11 KS 707XX 10101 0350 11 KS 707XX 10102 2123 10 NY 9K2MU 10101 0020 8 GA A71CW 10104 2258 15 FL EA9TY 10101 2345 16 FL 11 PA FK8GG 10102 1233 GIØKOW 10103 0009 11 AL **GW3SYL** 10101 2222 15 PA HC5AI 10102 1222 18 FL HG32FC 10111 2208 8 VA HT1T 10102 2302 16 PA HZ1AB 10107 0317 17 MI T3ØDP 10104 1250 5 AL 10105 0402 17 MI T30NA V44KAI 10101 0145 15 FL VQ9QM 10102 1208 GA 10108 0343 7 SC VY1JA **Z21HS** 10102 0456 10 PA

20 Meter CW

PJ2LC	14010	2240	10	MI	
RUØAM	14004	0158	11	CA	
S21ZG	14004	0040	10	GA	
TF3C	14002	1415	12	NH	
TU2XZ	14013	2341	17	FL	
UAØSMF	14023	0134	10	MI	
UAØSMF	14029	1318	12	IL	
UC1WXE	14023	1557	8	ID	
UHØE/	14025	2037	11	NS	
RA3QJ					
UN5A	14032	1956	9	NH	
UN7FW	14024	0246	12	FL	
USØRR	14008	1606	6	WI	
V85AA	14003	1530	8	CO	
V85US	14010	1410	11	CA	
VK6RU	14026	1355	9	MI	
VQ9NY	14006	1820	13	NH	
VQ9QM	14022	1348	8	CO	
Z31PK	14023	1512	10	ID	
Z32JA	14019	2139	7	ID	
ZB2JK	14055	2208	17	FL	
ZS9A	14040	1355	4	AL	

20 Meter SSB

17 Meter CW

4LØG 18081 1507 10 NS 4L1AB 18071 1223 12 NS 1742 5Z4FM 18085 11 MI 7Q7XX 18073 1823 10 ID 2258 17 FL CU2AK 18071

D2EYE	18080	1909	6	GA
EA8QJ	18072	1743	17	MI
ES1AO	18075	1137	11	NS
FK8GJ	18070	0235	13	MI
HP1AC	18074	2240	12	NH
HP1XBH	18076	2137	10	SC
HR1LW	18070	2254	9	NH
IT9ORA	18080	1528	12	NY
LX1DA	18072	1800	11	SC
OA4FW	18084	2328	6	GA
OX3XR	18074	1430	11	SC
PY7ZZ	18074	2144	11.	NM
VP5/	18074	2144	18	FL
JJ1BMB				
VQ9QM	18070	1501	17	MI
YBØARF	18077	1313	12	FL
HR1LW IT9ORA LX1DA OA4FW OX3XR PY7ZZ VP5/ JJ1BMB VQ9QM	18070 18080 18072 18084 18074 18074 18074	2254 1528 1800 2328 1430 2144 2144 1501	9 12 11 6 11 11 18	NH NY SC GA SC NM FL

17 Meter SSB

7X2DG 18113 1717 15 PA 8R1AK 18145 1933 4 MA A35CT 18150 0257 11 MA CO1RG 18129 2257 9 CA PJ8AD 18127 1151 11 NS **S92SS** 18120 2200 9 ID VP2EE 18115 2335 9 CA VP9IN 18142 1330 10 **Z31GB** 18140 1414 15 PA 7B2IB 18137 2101 15 PA

15 Meter CW

15 Meter SSB

10 Meter SSB

VR6ME 28470 0033 7 CO

Current and Future DXpeditions

(Changes and hot			200	
DXCC Country		Callsign	Dates	Issue
Aland Islands	OHØI		SAC CW and	
		OH2EW	SAC SSB	1705
Bahamas			OC Oct. 17-20	
Belize	V31	JV JW	Sept. 21-Oct.	
Bermuda	VP9/K		Sept. 23-Oct.	
Crozet	FT	FT4WD	18135 12Z Su	
Eastern Kiribati	T32	T32RA RS	Sept. 28-Oct.	
Fiji	3D	3D2VY?	Sept. 23-30	
Gambia	C5	C56V	Oct. 28-Nov.	
		C51A	Oct. 21-Nov.	4 1706
Gibraltar	ZB2/S	M4DHF	Sept. 22-28	1702
ITU Headquarter	S	4U1ITU	Sept. 25-26	1705
Iran	EP	EXØs	October	I701
Maldives	8Q	8Q7AA	to June 1994	I706
Marion Island	ZS8M	II	14195 1300Z	I696
Marshall Islands	V7	V73IO	Oct. 24-Nov.	2 1705
Mellish Reef	VK9N	IM	Sept. 19-28 Id	599/704
Mt. Athos		SV2ASP	active again?	I704
Mozambique	C9	C91A	Sat. PMs 212	25 1699
Nauru	C2	TBA	Feb. 23-Mar.	2 1697
Nepal	9N	by UAs	Sept. 27-Oct.	14 I706
Niue	ZK2	ZK2DM?	Sept. 28-Oct.	12 I704
Peter I Island	3Y		Feb. 1-17	I685
Pratas Island	BV	BV9P	Soon?	1693/5
St. Maarten	PJ	by W7s	Sept. 22-27	I704
St. Martin	FS/	JAs	Oct. 14-20	I706
Sierra Leone	9L	9L1BSM	Oct. 15-17	I706
Somalia	T5/	N3HQW	now active?	1704
Taiwan	BV		C 20M CW 113	30-15Z
Tanzania	5H	5H3FOE	July-Oct.	I696
		HB9HAL		1704
Tristan da Cunha		ZD9SXW	Oct. 1-21	1704
Turks & Caicos	VP5/	WB8GEX	Nov. 21-28	1706
Western Kiribati	T30	RA RS GV	Canceled	1706
0 4:	177	4 I DV		

Operating Events and DX Gatherings

operating Events and Dit Gatherings						
Dates	Event Reference:					
Sept. 25-26	Scandinavian Activity SSB	<u>1703</u>				
Sept. 25-26	CQWW RTTY Contest	CQ II				
Oct. 2-3	California QSO Party	1705				
Oct. 2-3	VK-ZL-Oceania SSB Contest	CQ				
Oct. 2-3	W5 DX Bash	<u>1705</u>				
Oct. 8-10	RSGB HF/IOTA Convention	1705				
Oct. 9-10	VK-ZL-Oceania CW Contest	CQ				
Oct. 9-10	Swedish DX Convention	1705				
Oct. 16-17	JARTS WW RTTY RTT	TY Journal				
Oct. 24	New England DXCC Dinner	<u>1705</u>				
Oct. 30-31	CQWW SSB Contest	CQ				
Nov. 13-14	WAE RTTY	CQ				
Nov. 19-21	SEANET Convention Bangladesh	<u>1705</u>				
Nov. 27-28	CQWW CW Contest	CQ				
	Contributors					

This Issue made possible by: 9A2NR, AA9HY, AB4PW, AG8L, FK8CP, JADXN, K2AJY, K2PEQ, K4BAI, K4GLU, K4II, K4IQJ, K4LNA, K5LBU, K6IR, K6WD, K7FL, K8JJC, K8JLF, K8OQL, K9AU, KA7T, KC6RZW, KG4O, KG6I, KH6GI, KL7OH, KM9J, KN4FY, KS0M, KT7H, N0ABA, NIQY, --

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Albania	ZA1J	7004	0145Z
Algeria	7X2LS	14235±	2000Z
Angola	D2EYE	14010±	1930Z
Angola	D2EYE	18078	1900Z
Asiatic Russia	UAØSMF	14020±	0130Z
Australia	VK5BC	1830	1100Z
Bermuda	VP9IN	18135±	1330Z
Brunei	V85US	14007±	1400Z
Chagos	VQ9QM	14021	1400Z
Chagos	VQ9QM	18075±	1500Z
Easter Island	XQØYAF	21020±	1900Z
Ecuador	HC5AI	10102	1200Z
Honduras	HR1LW	18074±	2300Z
Kuwait	9K2ZZ	14010±	16-2300Z
Kuwait	9K2ZZ	10102	0030Z



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Malawi	7Q7XX	10101	2125, 04Z
Malawi	7Q7XX	7003	0330Z
New Caledonia	FK8FU	7010±	1100Z
New Zealand	ZL3ABV	3506±	1000Z
Rwanda	9X5DF	21010	1400Z
Rwanda	9X5HG	14020±	2200Z
San Andrés	HKØER	14022	2300Z
Taiwan	BV4CT	14025	1400Z
Western Kiribati	T3ØDP	10104	1300Z
Zimbabwe	Z21HS	3505	0340Z
Zimbabwe	Z21HS	10103±	0500Z
Zimbabwe	Z21HS	7006	0350Z Fri.
C "			ATATIC ATATION

Contributors, continued: N2COB, N2EJQ, N2KK, N4UU, N6IBP, OPDX, PY1UP, S52AA, VE1QD, VE1RJ, VE1YX, WØJRN, W1BFT, W1KNT, W1NH, W2WW, W4LCL, W4VQ, W5SUV, W6LXS, W6OTC, W6UQF, W6WKE, W8AH, W8CT, W9DH, W9HAO, WA2AUF, WA3KSN, WA7ILC, WA9AQE, WA9GON, WB2AQG, WB8GEX, WY3V, YL2MM, and Z32GX, Many thanks! We couldn't do it without you!